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Analytical Chemistry II Determination of Chloride Ion
by László Erdsey, Eva Banyai, 17 pp.

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SLA 59-10652

Sci - Chem

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Vol 2, No 1

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Mecanisme de migration des ions hydrogene et hydroxyle - Influence de la composition des melanges ethanol-eau sur les nombres de transport et les mobilités dans les solutions de ClH , KCl , KOH et FK a 5°C et 25°C , by T. Erdy, Gruz, 21 pp.

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Reverse Translation

CEA-A-1477

Sci 64

Electrolysis of Complex Silver Salt
Solutions, by T. Erdos-Graz, V.

Horvathy.

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Vol 4, 1949, no 32-33.

TC-1826

T. Erdos-Graz

331, 498

Sci - Chem

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Nagy, 12 p.

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SLA 59-15987

Sci
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(DC-4822)

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JPRS 6579

Sci - Chem

Feb 61

138,770

TP 828

ERDEY-GRUZ, MAJTHENYI

On the mechanism of migration of hydrogen and hydroxyl ions.
Effect of composition of mixtures of ethanol and water on the
transference number and ions mobilities of dissolved Hcl KOH
KF at 5 and 25°C

Mécanisme de migration des ions hydrogène et hydroxyle. In-
cidence de la composition de mélanges d'alcool éthylique et
d'eau sur le nombre de migrations et la mobilité des ions de
Hcl KOH KF dissous à 5 et 25°C

Acta Chim. Acad. Sc. Hungar., No. 20, 73-90 (1959)

Commissariat à l'Energie Atomique, Saclay- French

E u r a t o m

Bleaching of Fat Acids With Bleaching Earth,
by Eduard Erdheim, 6 pp.

GERMAN, per, Allgemeine Ol- und Fett-Zeitung,
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SLA 60-10524

Sci

OTS, Vol III, No 6

Sep 60

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Medionecrosis Aortae Idiopathica, by J. Erdheim,
49 pp.

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NIH 3-25-60

Sci. - Med

May 60

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Some Recent Advances in Vascular Pathology, by
J. Erdheim, 18 pp.

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WHE 1-11a-60

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Mar 60

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CIA/FDD/X-934

Scientific - Chemistry Jul 53 CT6/DEX

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Discrimination of a Useful Signal by the Auditory
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8 pp.

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May 61

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West German Comments on the Economic Policy of
the Seventh Communist Party Congress in East
Germany, by Kurt Erdmann, 12 pp.

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133-137.

JPRS 41975

KURT ERDMANN

EE-East Germany

Econ

Aug 67

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Parabiotic Nature of the Action of Implanted
Electrodes on the Motor Cortex of Rabbits, by M. I.
Arlashchenko, G. M. Erdman, 5 pp.

RUSSIAN, no per, Fiziol Zhur SSSR, imeni I. M.
Sechenova, Vol XLIII, No 1, 1957, pp 22-25.

Pergamon Press

Sci - Medicine
Oct 57

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Erdmann, H.
ENGINE EXHAUST GASES AND TOXICOLOGY. Rep.
on Non-Contamination of the Atmosphere. Meeting,
Sep 60. [1961] [7]p. 2 refs.
Order from SLA \$1.10

61-20084

Trans. of ATZ [Automobiltechnische Zeitschrift]
(Germany) 1960, v. 62, no. 12, p. 325-326.

DESCRIPTORS: *Exhaust gases, *Toxicity, Poisonous
gases, Vehicles, *Contamination, Atmosphere, *In-
ternal combustion engines, *Carbon compounds,
*Monoxides, *Diesel engines, Public health, Fuels,
Gasoline, Fuel oil, Smokes.

(Engineering--Sanitation, TT, v. 7, no. 6)

61-20084

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II. Title: Non-contamination...

197046

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Investigations on the Dependence of the Effect
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Scientific - Biology

NIH

SLP 77

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Nov 54 CTS

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Grinding and Polishing of Aluminum and Its Alloys,
Particularly Before Anodic Oxidation, by Richard
Erdmann.

Full translation.

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pp B36-B42.

Nova Scotia No 192

Scientific - Minerals/Metals

Aug 53 CFB

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A New Simple Interferometer For Obtaining Quantita-
tively Evaluable Flow Patterns, by S. F. Erdmann,
62 pp.

GERMAN, per, Applied Scientific Research, Vol BII,
Nov 1953.

NACA TM 1363

Scientific - Physics

Dec 53 CTS

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Erdmann, W. D., Heye, D., and Jungmann, H.
DELATION OF THE ABDOMINAL AORTA AND
DYNAMICS OF THE CIRCULATION. [1961] 7p.
(3 figs. omitted) 5 refs.
Order from SLA \$1.10

62-10711

Trans. of Deutsch[e] Ges[ellschaft] f[ur] Kreis-
laufforschung. Verhandl[ungen] (West Germany)
1956, v. 22, p. 113-117.

DESCRIPTORS: *Aorta, *Blood pressure, *Heart,
Autonomic nervous system, Reaction (Psychology),
*Nerves, Reflexes, Stimulation.

In experiments on anesthetized cats and dogs the
aorta was isolated for brief periods of time (clamped
off) and exposed to artificial pressure variations. It
was shown thereby that cardiac dynamics react to
circulatory relations in the aorta. The adequate
stimulus could not, however, be specifically
(Biological Sciences--Physiology. TT, v. 8, no. 2)
(over)

62-10711

I. Erdmann, W. D.
II. Heye, D.
III. Jungmann, H.

C 27747

Office of Technical Services

Contributions to Study of Work Hardening
and Stress Relief in Aluminium and
Aluminium Alloys, by F. Erdmann-Jesnitzer,
H. Hadamovsky.

GERMAN, per, Aluminium, Vol 35, No 11,
1959, pp 626-632.

WRC/Ref: C-5128

F. ERDMANN JESNITZER

Sci -
Jul 67

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Hot Shortness and Grain Boundary Structure in
Steel, by P. Brümann-Josnitzer, W. Bernhardt.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXIX,
1958, pp 353-357.

BISI 3189

Bol - M/M
Jul 63

235,724

Erdmann-Jesnitzner, F. and others.
STUDY OF STRUCTURE OF VERY FINE COPPER
WIRES WITH 0.15 TO 0.02 mm DIAMETERS. [1962]
6p. (formulae tables figs. refs. omitted).
Order from SLA \$1.10 62-16988

Trans. of Metall (West Germany) 1953, v. 7, no. 7/8,
p. 250-254.

DESCRIPTORS: *Copper wire, Drawing (Machine processing), Radiography, Crystals, Scattering, Photoengraving, Dies, *Lattices, *Structures, Mathematical analysis.

Texture of very fine copper wires were tested with particular reference to the independence on the degree of drawing. In agreement with previous work of similar nature there is found a double fiber texture with the two preferred positions of the crystallites along (111) and (Metallurgy--Structural, TT, v. 9, no. 2) (over)

62-16988

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62-16988

Office of Technical Services

Recherches sur les Alliages Al-Cu au Moyen des
Procedes d'Attaque Colorante, by P. Brubach-Jeschner,
A. Bernhardt, 16 pp.

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9093396

Reverse Trans
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Sci
10 May 62

~~Magnetische Messungsmethoden~~ ~~in~~ ~~der~~ ~~Fe~~

Magnetic Measurement on the Ageing of Iron Due
to Nitrogen, by F. Erdmann-Jesnitzner, W. Precht.

GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXIII, Oct 1962, pp 669-678.

BISI 3089

229,476

Sci - M/M
Apr 63

The Influence of Chemical Composition and Structure on the ~~the~~ Hydrogen Content of Iron and Steel. Part I. The Influence of Silicon, Carbon and Structure on the Behaviour of Hydrogen in Unalloyed Steels, by F. Erdmann-Jesnitzer, H. Sabath, 24 pp.

GERMAN, per, Arch Eisenhüttenw, Vol XXVIII, 1957, pp 345-353.

AEC IGRL-T/C-95

130,871

Sci - Chem

26 Oct 60

Position, Time and Cause of Spatter During
Electric-Arc Welding, by Friedrich
Erdmann-Jesnitzer, Gottfried Pysz, 29 pp.

GERMAN, per, Schweissen und Schneiden, Vol X,
No 8, 1958, pp 303-311.

SLA 60-10039

Sci

OTS, Vol III, No 6

Sep 60

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Plastic Deformation and the Behaviour of
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Steel, by F. Erdmann-Jesnitzer, 26 pp.

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1957, -- 355-365.

ABC DGIS-91 (RD/C)

Sci - Chem
14 Oct 60

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Regularities in the Processes of Growth of Crystals. Part 3. Theory Concerning the Pressure Welding of Metallic Bodies, by P. Erdmann-Jesnitzer, W. Wichmann, 14 pp.

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Sci - Physics

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4 10

Contribution to the Fatigue Bending Strength of Rolled
Zinc and of Zinc Alloys, by F. Erdmann-Jesnitzer, H.
Hanemann, J. Kohlmeier, 8 pp.

No 2,

GERMAN, per, Z. für Metallkunde, Vol XXIV, ~~1941~~ 1942
pp 222-224.

S.L.A.

Scientific - Minerals/Metals

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Determination of the Properties of Mineral Wool, by
F. Erdmann-Jesnitzer, W. Lorenz, 13 pp.

GERMAN, per, Die Technik, Vol VI, No 1, 1951,
pp 13,14.

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Scientific - Engineering

24,803

Investigation on Zinc Alloys Made from "Five-Nine"
Zinc (99.999%), by W. Hofmann, F. Erdmann-Jesnitzer,
H. Hanemann
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GERMAN, per, Z. Metallk., Vol XLIII, No 12, 1952,
pp 417-421

TPA3/TIB T 4226

Scientific - Min/Metals

April 54 CTS/DEX

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Erdmann-Jesnitzer, F. and Klaas, H.
CONTRIBUTION TO THE STABILIZATION OF BARE-
WIRE-ARCS. [1962] [17]p. 6 refs.
Order from SLA \$1.60

62-20097

Trans. of Schweissttechnik (Germany) 1955, v. 5, no. 7,
p. 193-198.

DESCRIPTORS: *ARC welding, *Electrodes, Stabiliza-
tion, Aluminum alloys, Aluminum coatings, Coatings,
Salts, Potassium, Sodium, Barium, Lithium, Strontium

The purpose was to find out whether the arc stability
of bare wire of the composition 0.06-0.12%C,
~0.06%Si, ~0.5 to 0.7%Mn, <0.03%P, <0.03%S
could be improved by adding Al to the filler wire
either as an alloying element or as a separate coating,
and, further, whether stabilization can be obtained by
very thin coatings containing readily ionizable elements.
(Machinery--Manufacturing, TT, v. 10, no. 3) (over)

62-20097

I. Erdmann-Jesnitzer, F.
II. Klaas, H.

Office of Technical Services

Diffusion of C in Fe and the effect of on Carbon
Diffusion, by F. Erdmann-Jesnitzner.

GERMAN, per. Arch. Eisenh. No 27, 1956, pp 41-43.

*1489 TT 70-57535

Sci-Mat

Aug 70

F. Erdmann-Jesnitzner

The Relationship of Physical Condition of the Material
to Phenomena of Hydrogen Diffusion in Unalloyed Steel,
by Herman Schumann, Friedrich Erdman-Jasnitzer.

GERMAN, per, Archiv fuer das Eisenhuettenwesen, Vol
XXIV, No 7/8, Jul/Aug 1953, pp 353-360.

Navy Tr 1534/NRL-636

Sci - Min/Met

Oct 57

53, 546

Granulation Process, by Wolfgang Stroh, Rudolf
Erdmenger, Julius Wehn, 3 pp.

GERMAN Auslegeschrift DAS no. 1,059,413

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Sci-Engr

Jul 60

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Phenomena Taking Place in Turbine Blade Grids and
Correct Development of Profile, by Istvan Erdody,
13 pp.

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1962, pp 337-342. 9684912

FTD-TT-63-133

Sci-Engr
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SETTE

(NY-2595)

Problems of the Hungarian Dieselization Program,
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HUNGARIAN, per, Jarmuvek Mezogazdasagi Gepek,
Vol V, No 7/8, 1958, pp 193-198.

JPRS-1706-N

REur - Hungary
Econ - Manufacturing, Diesel production
Jun 59

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Preliminary Report on the Study of the
Cytostatic Effect of a Plant, by J. Erden, A.
Perenczi, 13 pp.

SPANISH, per, Medicina, Vol XXXIX, No 821,
June 10, 1959, pp 234-239.

NIH 10-26-60

Sci - Med
Dec 60

133,926

(8F-1497)

Defense Against Chemical and Biological Weapons, by
Konrad Erdos, Istvan Hun, 5 pp.

HUNGARIAN, per, Magyar Legoltalom, Vol III, No 1, 1961,
pp 20-21.

JPSS 4438

EDur - Hungary

M11

Apr 61

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Agrarian Meteorological Water-economy
Measurements in Martonvasar, by L. Erdos,
J. Pletzer.
GITEAM, per, Wissenschaftliche Zeitschrift
der Karl-Marx Universität, Vol 13, No 4,
1964, pp 799-805.
CSIRO/No. 7577

L. Erdos

Sci -
Jul 67

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Agrarian Meteorological Water-Economy Measurements in
Martonvasar, by L. Erdos.
GERMAN, per, Leipzig. Karl-Marx Universitaet. Wissenschaft
liche Zeitschrift. Mathematisch-Naturwissenschaftliche
Reihe, vol. 13, no. 4, 1964, pp. 799-805.
NTC 70-17060-02C

A Erdos

Agrarian Meteorological Water Economy
Measurements in Martonvasar, by L. Erdos,
J. Pletser.

GKSAN, per, Wissenschaftliche Zeitschrift
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pp 799-805
CSINA/No. 7577

L. ERDOS

Sci -
Aug 67

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Remark on Endre Molnar's Article Entitled
"Revisionist Views of the Economic Role of the
Socialist State," by Tamas Nagy, Peter Erdos, 9 pp,
(Ssl EEur Pol Trans, 10).

HUNGARIAN, per, Tarsadalmi Szemle, Vol XII, No
4-5, Aug-Sep 1957, pp 141-149.

CIA/FDD Tr 682

EEur - Hungary
Pol
Econ

56,451

Doc 57

(11-6-37)

Use of Metal Coating to Prevent Corrosion, by
Gyorgy Erdos, 5 PP.

HUNGARIAN, per, Gep, Vol XIII, No 3, 1961,
pp 115-117.

JPRS 9674

EBur - Hungary

Econ

Aug 61

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The Reaction of Benzoquinone with Alkali, by H.
Erdtsman.

GERMAN, per, Z. Pflanzenernahr Dung u Bodenk, Vol
LXIX, No 1-3, 1955.

CSIRO-3172

Sci

Aug 59

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Heartwood and the Chemistry of Heartwood, by
H. Erdtman.

SWEDISH, per, Svensk Papperstidning, Vol LXI,
No 18B, 1958, pp 625-632.

CSIRO Tr 5006

SLA-60-1-756

Sci - Chem

Jun 61

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Trifluoromethylating in Liquid Scintillation
Fluorophenylene, by G. Erdmann, G. Herrmann.
GERMAN, per, Radiochimica Acta, Vol 1, 1963,
pp 103-107.
•AEC

p 23
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G. Erdmann

Sci-Chem
Feb 65

Counting of Radioisotopes of Metallic Elements in
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Herrmann, 14 pp.

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p 1092.

ABC T-4444

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Sci - Phys
May 61

Two-Component Solid Solutions of the Three-Ring
Molecules of Fluorene, ~~Fluorene~~ Phenanthrene,
Anthracene, and Carbazole, by V. M. Kravchenko,
A. P. Eremenko, 5 pp.

Full translation.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXV, No 6,
1952, pp 662-667.

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS/DEX

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LOSSES IN TURBINE GUIDE VANE CASCADES, BY A. S.
EREMENKO, A. P. FEDOROV.

RUSSIAN, PER, SBORNIK TRUDOV INST TEPLDNERGETIKI
AK NAUK UMORR KIEV, NO 14, 1958.

NLL N. 3868

SCI - ENGR

OCT 62

214,788

AN INVESTIGATION OF LOSSES IN TURBINE ROTOR BLADE
CASCADES, BY A. S. EREMENKO, A. P. FEDOSENKO.

RUSSIAN, PER, SBORNIK TRUDOV INST TEPLOENERGETIKI
AK NAUK UKRAIN KIEV, NO 14, 1958.

MLL M. 3867

SCI - ENGR

OCT 62

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Cortical Control of Renal Activity, ~~8 pp~~ by L. F.
Eremenko, 8 pp

RUSSIAN, per, Fiziol Zhur SSSR imeni I. S. Sechenova,
Vol XLVI, No 5, 1960, pp 579-585

Pergamon Press

Sci
Nov 60

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Patterns of Oxidative Processes in Relation to
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9 pp

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Vol XVI, No 2, 1960, pp 236-243

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Oct 60

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An Instrument for Measuring Leaf Area, by
N. I. Gavrilov, L. L. Eremenko,

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1959, pp 508-.

Amer Inst of Biol Sci

Sci

Mar 60

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Eremenko, N. A. and Mekhtieva, V. L.
THE ROLE OF MICROORGANISMS IN THE PROCESS
OF FRACTIONATION OF STABLE SULFUR
ISOTOPES. [1961] 8p.
Order from ATS \$12.40

ATS-66N53R

Trans. of #Geokhimiya (USSR) 1961, no. 2,
p. 174-180.

DESCRIPTORS: *Sulfur, Isotopes, Fractionation,
*Microorganisms, Geochemistry.

ATS-RJ-3533

(Nuclear Physics--Isotope Separation, TT, v. 6, no. 11)

61-25331

- I. Eremenko, N. A.
- II. Mekhtieva, V. L.
- III. ATS-66N53R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Bremenko, N. A.
CHANGE IN THE ISOTOPIC COMPOSITION OF SUL-
FUR IN SOVIET CRUDES ALONG A STRATIGRAPHIC
SECTION. [1961] 3p.
Order from ATS \$5.60

ATS-69N51R

Trans. of #Geol[ogiya] Nefti i Gaza (USSR) 1960, v. 4,
no. 11, p. 9-10.

DESCRIPTORS: *Sulfur, Chemical properties, *Petro-
leum, USSR.

AIS-RJ-3527

(Engineering--Chemical, TT, v. 6, no. 4)

61-22935

- I. Bremenko, N. A.
- II. ATS-69N51R
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East Orange, N. J.

Office of Technical Services

Rock Bitumens and Their Genetic Relationship to
Petroleum, by N. A. Kremenko,

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pp 50-60.

ATS NJ-1568

Sci
May 59

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The Chemical Composition of the Water Below
the Petroleum Layer as an Indicator for its
Formation, by N. A. Eremenko.

RUSSINA, per, Neft Khoz, Vol XXXIII, No 10,
1955, ~~XXXXXX~~ pp 52-59.

Tech and Comm Trans
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USSR
Sci - Fuels

29,781

A Study of a Photometric Method of Determining Cerium
as the Peroxide Complex, by A. K. Babko, and O. M.
Kremenko, 6 pp.

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Sci - Chem.
Feb 59

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Study of the Reactions of the Polysulfides of Sulfur
of Tagged Sulfur. II. Reactions of the Tetrathionates
and the Pentathionates, by R. K. Eremenko, A. I.
Brodsky, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 7,
1955, pp 1241-1249. CIA C 42051

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Scientific - Chemistry
May 56 CTS/dex

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Studies in the Allo- and Isoalloxazine Series. IV.
New Synthesis of 2'-Desoxyriboflavin and Synthesis
of its 2-Thio Analog, by V. M. Berezovskiy, T. V.
Eremenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11,
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Sci

Aug 62

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Values of Ionization Constants of Carbonic
Acid. by V. Eremenko.
RUSSIAN, per Gidrokhim. Mater., Vol. 27, 1957
CSIRO/ No. 777

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Sci -
Aug 67

338-397

Values of Ionization Constants of Carbonic
Acid. by V. Eremenko.
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CSIRO/ No. 7777

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Sci -
Aug 67

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Value of the Dissociation Constant of Carbonic Acid;
second dissociation constant, by V. Eremenko.
RUSSIAN, per, Gigichin Mater, No 28, 1959, pp 45-
48
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Sci -
Sep 67

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The Role of Surface Phenomena in Powder Metallurgy
Processes - A Review, by V. N. Eremenko,
V. I. Nizhenko, 8 pp.

RUSSIAN, per, Poroshkovaya Metallurgiya,
No 4 (16), 1963, pp 17-28.

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Eremenko, V. N.
THE ROLE OF SURFACE PHENOMENA IN METAL-
LURGY. 1963 approx 200p
Order from CBI \$27.50

Trans. of mono. [Poverkhnostnye Yavleniya v
Metallakh i Splavakh i Ikh Rol' v Protsessakh
Metallurgii, Moscow, 1961, 224p.].

DESCRIPTORS: *Metallurgy, Powder metallurgy,
Adhesion, *Surface tension, Carbides, Nitrides,
Crystal structure, Refractory materials, Thin films,
Mechanical properties.

(Metallurgy, TT, v. 10, no. 12)

63-12523

I. Eremenko, V. N.
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Office of Technical Services

Cinetique d'Impregnation Du Fer Et Du Nickel
Poreux Par Le Plomb Et l'Argent Liquides,
by ~~Kuznetsov~~ V. N. Eremenko, N. D. Lesnik, et al,
19 pp.

RUSSIAN to FRENCH, Re per, Izv. Akad. Nauk.,
S.S.S.R., O.T.N. Metallurgy., Vol V, 1961,
pp 43-50. 9069332

CEA R-1626
Reverse Translation

Sci
Dec 62

Infiltration of Porous Titanium Carbide with
Cobalt, Nickel and Copper-Cobalt of Copper-
Nickel Alloys, by V. N. Krasenko, N.D. Lesnik.

RUSSIAN, per, Poroshkovaya Metallurgiya, Vol I,
1961, No 1, pp 43-49.

EB 5579

Sci-Min/Met
Jan 63

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The Reaction between Titanium Carbide and Metals of
the Iron Group, by V. N. Eremenko, 22pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 9, 1956.

PP 2148

AFC-TR-4590
PL-180

341,224

Sci

Jun 63